

Ogden Air Logistics Center

SIMULATORS SUSTAINMENT MANAGEMENT



ADVANCE PLANNING BRIEFING to INDUSTRY 15 May 2007

U.S. AIR FORCE

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This briefing is for informational purposes only.
It represents the Government's best understanding of procurement activities as of the presentation date and is subject to change.



Training Systems Product Group



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TSPG Director
Ms. June M. Taylor

Policy & Standards



Air Force Agency for Modeling & Simulation
Col Louis W. Olinto, Commander
Orlando, FL

Research & Development



Warfighter Research Readiness Division
Col Dan Walker, Chief
Mesa, AZ

Acquisition



Simulator Systems Group
Ms. June M. Taylor, Director
Wright-Patterson AFB, OH
System Program Manager

Sustainment

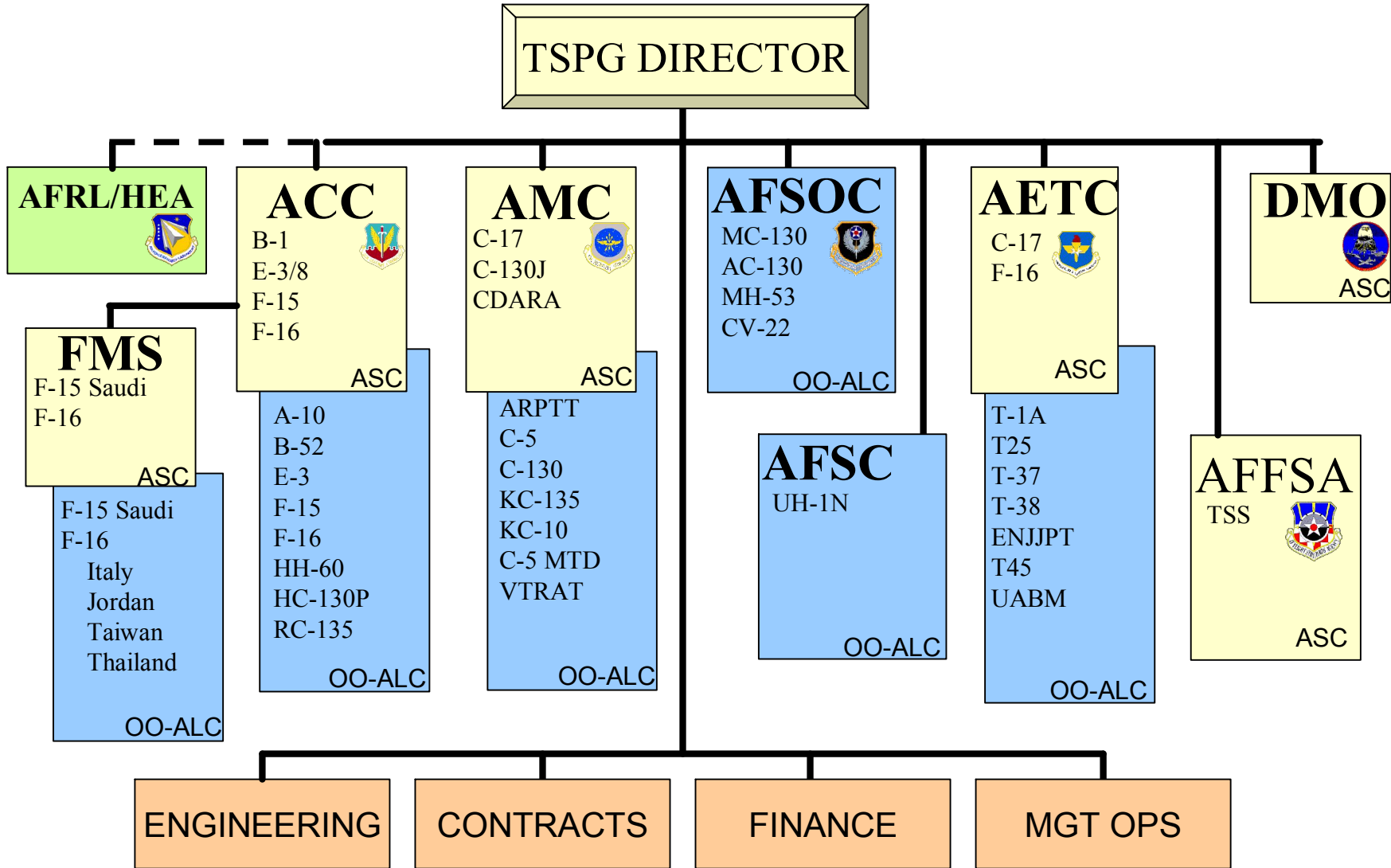


507 Aircraft Sustainment Squadron
Ms. Sherel Hardy, Director
Hill AFB, UT
System Support Manager



TSPG Organization

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Training Systems Business Opportunities



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FY07-08

T-1A Ground Based Training System CLS Re-compete
C-130 Landing Gear Trainer
MC-130W Weapon System Trainer

FY 09-12

A-10 Training Systems
B-52 Aircrew Training Devices
E-3 AWACS Maintenance Training System
T25 Simulator for Electronic Combat Training
KC-135 Aircrew Training System
C-5 Aircrew Training Systems
C-130 Aircrew Training System





Fighter Training Systems



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- **A-10 Training Systems**



A-10 Training Systems



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A-10 Training Systems

Projected Program



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Description <ul style="list-style-type: none">• The Operation, maintenance, and logistics support of all trainers• The Modification of the trainers as required for maintaining concurrency with the aircraft• The Upgrades, enhancements, or the insertion of advanced technology into the trainers for the purpose of maintaining or improving operational safety, suitability (i.e., supportability, availability), and effectivity (i.e., increased training capabilities).• End user is ACC, ANG, AFRC	
Acquisition Strategy <ul style="list-style-type: none">• Full and open competition• One year basic with nine option years	Funding <ul style="list-style-type: none">• Estimate total contract value \$150M
Program Office Point of Contact <p>Name: Capt. Greg Purnell Organization: 507 ACSS/GFLA Phone: 801 586-3886 Email: Greg.Purnell@HILL.af.mil</p>	Procurement Authority Point of Contact <p>Name: Capt Ruperta Lindsey Organization: 558 ACSG/PK Phone: 801 777-6041 Email: Ruperta.Lindsey@HILL.af.mil</p>
Period of Performance <ul style="list-style-type: none">• 2010 - 2020	Data Status <ul style="list-style-type: none">• Data package complete, no known issues
Milestones <ul style="list-style-type: none">• Industry day, draft RFP, RFP, contract award, etc. are TBD	



A-10 Training Systems

Current Program



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Summary of Program Requirements

- The Operation, maintenance, and logistics support of all A-10 trainers
- The Modification of the trainers as required for maintaining concurrency with the aircraft
- Procurement of A-10 Training Systems as needed

Current Contract

Company: Lockheed Martin Systems Mgt
Contract Number: F33657-01-D-2072 QP01
Period of Performance: 2004 - 2010

Original Developer/OEM

Company: Air Force Research Laboratories
Date Delivered:

Current Installations

Locations: Hands on Throttle and Stick (HOTAS) trainers at DM
Full Mission Trainers (FMT) worldwide
Number of Devices: 8 HOTAS, 22 FMTs

End User Point of Contact

Name: Neal Braidwood
Phone: 757 764-8760
Email: Neal.Braidwood@langley.af.mil

Additional Information

- CLS, modifications, and new development for the A-10 training systems currently on single contract



AETC/ACC Heavy Training Systems



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- **B-52 Aircrew Training Devices**
- **E-3 AWACS Maintenance Training System**
- **T-25 Simulator for Electronic Combat Training**
- **T-1A Ground-Based Training System**



B-52 Aircrew Training Devices



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B-52 Aircrew Training Devices

Projected Program



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Description

• The contractor will provide Contract Logistic Support (CLS) for the B-52 Weapon System Trainer (WST), T4 Electronic Warfare Simulator (EWS), Cockpit Procedure Trainer (CPT) and Offensive Station Mission Trainer (OSMT). The contractor will support the operational requirements of the Training Systems Support Center (TSSC) and develop, procure, manufacture, assemble, package, ship and install all modifications to the Air Crew Training Devices (ATDs) throughout the term of the contract. It is anticipated that during the contracted period that the B-52 WST will require a computer rehost. The B-52 is undergoing a major communication modification, Combat Network Communications Technology (CONNECT). Phase I is expected to be completed by the end of the existing contract. Phase II will be required to be part of the overall competition of this program.

Acquisition Strategy

- Use of existing/planned ID/IQ contract vehicle
 - Full and Open

Funding

- Estimated total contract value \$250M

Program Office Point of Contact

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Procurement Authority Point of Contact

Name: Lois Moeglein
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Period of Performance

- Oct 2009 – Sep 2019

Data Status

- Data package complete, no known issues

Milestones

- See next page



B-52 Aircrew Training Devices

Projected Program (continued)



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Milestones

MILESTONE SCHEDULE

- Sources Sought Synopsis/Market Research
- Draft RFP
- Industry Day
- Final RFP
- Contract Award

DATES

6/2008
12/2008
1/2009
4/2009
6/2009



B-52 Aircrew Training Devices

Current Program



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Summary of Program Requirements

- The scope of this contract includes modifications, upgrades, sustainment, and disposition of B-52 Training System , Offensive System Substation (OSS), Defensive System Substation (DSS), Flight System Substation (FSS), Offensive Station Mission Trainer (OSMT), Cockpit Procedures Trainer (CPT), AN/ALQ T4 Electronic Warfare Simulator (EWS), and operations of the Training System Support Center (TSSC). These efforts include but are not limited to: information technology services, design concepts, and management of the TSSC, CLS, engineering analysis, training for database conversion and operation, necessary for training system support as needed. The modification portion of this contract is for modifications outside the contractual scope of the TSSC.

Current Contract

Company: Rockwell Collins Simulator and Trainer Systems
Contract Number: F42630-99-D-0244
Period of Performance: Aug 99 – Sep 2009

Original Developer/OEM

Company: Singer LINK
Date Delivered: Unknown

Current Installations

Locations: Barksdale AFB, LA., Minot AFT, ND
Number of Devices: 10

End User Point of Contact

Name: Jeff Burgdorf
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Additional Information



E-3 AWACS Maintenance Training Sys



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E-3 AWACS Maintenance Training Sys

Projected Program



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Description

- The contractor will provide Contract Logistic Support (CLS) for the E-3 AWACS Maintenance Training Systems (MTS). This support will include two Flight Deck Trainers (one Procedures Cockpit Trainer and one Familiarization Trainer), the Surveillance Radar Test Set (SRTS) which includes 2 labs of 9 student workstations/1 instructor station, and the Data Processor/Display Maintenance Simulator Set (DP/DMSS) which includes 6 student workstations/1 instructor station. On-Call Contractor support will be provided for 11 additional Mobile Training Sets on a variety of other subsystems. The contractor will also provide support for the Training Systems Support Center (TSSC) to include development and installation of all upgrades and modifications to the various systems.
- User is 373 TRS, Det 9 located at Tinker AFB OK. All devices are also located at Tinker AFB, OK

Acquisition Strategy

- Small Business Set-Aside

Funding

- Estimated total contract value \$50M

Program Office Point of Contact

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Procurement Authority Point of Contact

Name: Lois Moeglein
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Period of Performance

- Oct 2011 – Sep 2021

Data Status

- Some proprietary aircraft data

Milestones

- See next page



E-3 AWACS Maintenance Training Sys

Projected Program



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Milestones

MILESTONE SCHEDULE

- Sources Sought Synopsis/Market Research
- Draft RFP
- Industry Day
- Final RFP
- Contract Award

DATES

4/2010
12/2010
1/2011
4/2011
6/2011



E-3 AWACS Maintenance Training Sys

Current Program



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Summary of Program Requirements

- The E-3 AWACS Maintenance Training System (MTS) is the primary source of training for the E-3 AWACS maintenance personnel at Tinker AFG, OK. The E-3 MTS program provides hands-on training in organizational on and off equipment maintenance procedures by simulating the operation of hardware and software used on the aircraft. The contractor is responsible for providing CLS for the Surveillance Radar Training System (SRTS), the Procedures Maintenance Trainer (PMT), Familiarization Maintenance Trainer (FMT), the Data Processor/Display Maintenance Simulator Set (DP/DMSS), the Training System Support Center (TSSC), and the Simulator Interface Management Courseware Development System. The contractor maintains the technical data baseline, the spares package, and provides modifications and engineering support. The contractor also provides Contractor Support (CS) for ten individually unique Mobile Training Sets.

Current Contract

Company: ProActive Technologies, LLC
Contract Number: F42630-01-C-0247
Period of Performance: Aug 01 – Sep 2011

Original Developer/OEM

Company: AAI Corporation
Date Delivered: Unknown

Current Installations

Locations: Tinker AFB OK
Number of Devices: 15

End User Point of Contact

Name: Gregory Douglas, Capt
Phone: DSN (405) 734-3924
Email: Gregory.Douglas@tinker.af.mil

Additional Information



T25 Simulator for Electronic Combat Training



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T25 Simulator for Electronic Combat Training

Projected Program



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Description <ul style="list-style-type: none">•The T25 Simulator for Electronic Combat Training (SECT) consists of six student stations, a two position instructor console to monitor the student training exercise, and a Training System Support Center (TSSC) for software and training exercise development located at Randolph AFB, TX.	
Acquisition Strategy <ul style="list-style-type: none">• TSA II or full and open	Funding <ul style="list-style-type: none">• Estimated total contract value \$10M
Program Office Point of Contact <p>Name: Craig Snow Organization: 507 ACSS/GFLB Phone: 801 775-5116 Email: Craig.Snow@HILL.af.mil</p>	Procurement Authority Point of Contact <p>Name: Marilyn Simon Organization: 558 ACSG/PK Phone: 801 777-8413 Email: Marilyn.Simon@HILL.af.mil</p>
Period of Performance <ul style="list-style-type: none">• Oct 2010 – Sep 2016	Data Status <ul style="list-style-type: none">• Currently government owns a majority of data, exception is BREWT data
Milestones <ul style="list-style-type: none">• Contract award need date: no later than 30 June 2010	



T25 Simulator for Electronic Combat Training

Current Program



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Summary of Program Requirements

- Provide Contractor Logistics Support for the T25 SECT to include on site support, TSSC operation and providing capability to perform Engineering Change Proposals.

Current Contract

Company: AAI Services Corp.
Contract Number: F42630-00-C-0223
Period of Performance: Jun 2000 – Sep 2010

Original Developer/OEM

Company: AAI Services Corp.
Date Delivered: 1989

Current Installations

Locations: 563 Flying Training Squadron, Randolph AFB TX
Number of Devices: 1 system at 1 site

End User Point of Contact

Name: Bill Reynolds AETC/A3ZU
Phone: 210-652-2216 DSN 487-2216
Email: John.Reynolds@RANDOLPH.AF.MIL

Additional Information

- BRAC decision to move system to Pensacola NAS Initial Operating Capability Spring 2010



T-1A Ground-Based Training System



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T-1A Ground-Based Training System

Projected Program



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Description

- Procurement of Contract Logistics Support (CLS) and Training System Support Center (TSSC) services for 9 T-1A Ground-Based Training System (GBTS) Operational Flight Trainers (OFT), 14 Avionics Part Task Trainers (APTT), and 9 Flight Deck Mock-up Trainers (FMT) located at four AETC UPT training sites.
- Upgrade Visual System, Flight Management System, Digital Voice/Cueing, Control Loading System and Instructor Operator System for all T-1A GBTS.
- Potential requirement for concurrency modifications and associated CLS/TSSC to support Combat Systems Officer training

Acquisition Strategy

- TSA II ID/IQ contract vehicle
- Full and Open
- Lowest Price/Technically Acceptable (LPTA)

Funding

- Estimated total contract value \$120M

Program Office Point of Contact

Name: Chris Gay, Capt
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Procurement Authority Point of Contact

Name: Lance Hardman
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Period of Performance

- Base period – May 08 – Dec 08
- Seven Option Periods – FY09 - FY15

Data Status

- TBD

Milestones

- See next slide



T-1A Ground-Based Training System

Projected Program



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Milestones

MILESTONE SCHEDULE

- Sources Sought Synopsis/Market Research
- Draft RFP
- Industry Day
- Final RFP
- Contract Award

DATES

4/27/2007
8/2/2007
8/20-24/2007
9/10/2007
5/2008



T-1A Ground-Based Training System

Current Program



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Summary of Program Requirements

- Contract Logistics Support (CLS) and Training System Support Center (TSSC) services for 9 T-1A Ground-Based Training System (GBTS) Operational Flight Trainers (OFT), 14 Avionics Part Task Trainers (APTT), and 9 Flight Deck Mock-up Trainers (FMT) located at four AETC UPT training sites.

Current Contract

Company: L-3 Communications Corp
Contract Number: F33657-01-D-2077 QP002
Period of Performance: FY01 – FY07 (Extension for FY08-09)

Original Developer/OEM

Company: Quintron Corp
Date Delivered: 1992

Current Installations

Locations: Randolph, Laughlin, Vance & Columbus AFBs.
Number of Devices: 9 OFTs, 14 APTTs, & 9 FMTs

End User Point of Contact

Name: Leroy Mink
Phone: 210.652.2216
Email: Leroy.Mink@RANDOLPH.AF.MIL

Additional Information

- In April 07 started to develop CLS requirements document, performance spec and other related RFP documents. Synopsis for new contract effort was released on 27 April 07.



AMC Training Systems



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- **KC-135 Aircrew Training System**
- **C-5 Aircrew Training System**
- **C-130 Aircrew Training System**
- **C-130 Landing Gear Trainer**



KC-135 Aircrew Training



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KC-135 Aircrew Training System

Projected Program



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Description <ul style="list-style-type: none">• The KC-135 Aircrew Training System (ATS) is a fully integrated simulator system used to provide ground based aircrew training, both academics and simulator training. The simulator is used for initial qualifications, re-qualifications, upgrade training, difference training, conversion training, the central flight instructor course, and selected continuation training.	
Acquisition Strategy <ul style="list-style-type: none">• Full and Open• Single award for 1 year and 8 option years	Funding <ul style="list-style-type: none">• Estimated total contract value \$450M
Program Office Point of Contact <p>Name: Rob Chambers Organization: 507 ACSS/GFLC Phone: 801 777-5570 Email: rob.chambers@HILL.af.mil</p>	Procurement Authority Point of Contact <p>Name: Lance Hardman Organization: 558 ACSG/PK Phone: 801 777-6292 Email: Lance.Hardman@HILL.af.mil</p>
Period of Performance <ul style="list-style-type: none">• Jun 2010 – Jun 2019	Data Status <ul style="list-style-type: none">• Awaiting completed Data Package for ECP 70, GATM into Formal Training Unit at Altus.
Milestones <ul style="list-style-type: none">• TBD	



KC-135 Aircrew Training System

Current Program



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Summary of Program Requirements

- Complete Contract Logistics Support (CLS) Support for Aircrew Training Requirements
- Operational Flight Trainer (OFT) Moves required by BRAC
- Other requirements per Performance Work Specification (PWS)

Current Contract

Company: FlightSafety Services Corp
Contract Number: F33657-91-C-0072
Period of Performance: 1 Oct 92 – 30 Sep 10

Original Developer/OEM

Unknown

Current Installations

Locations: Numerous CONUS and Overseas
Number of Devices: Operational Flight Trainers (OFT) 17 CONUS,
2 Overseas; Boom Operator Part Task Trainer (BOPTT) 2 CONUS;
Cargo Load Trainer (CLT) 1 CONUS

End User Point of Contact

Name: Clifford Sanchez, AMC Training PM
Phone: 618 229-3645 DSN 779-3645
Email: Clifford.Sanchez@scott.af.mil

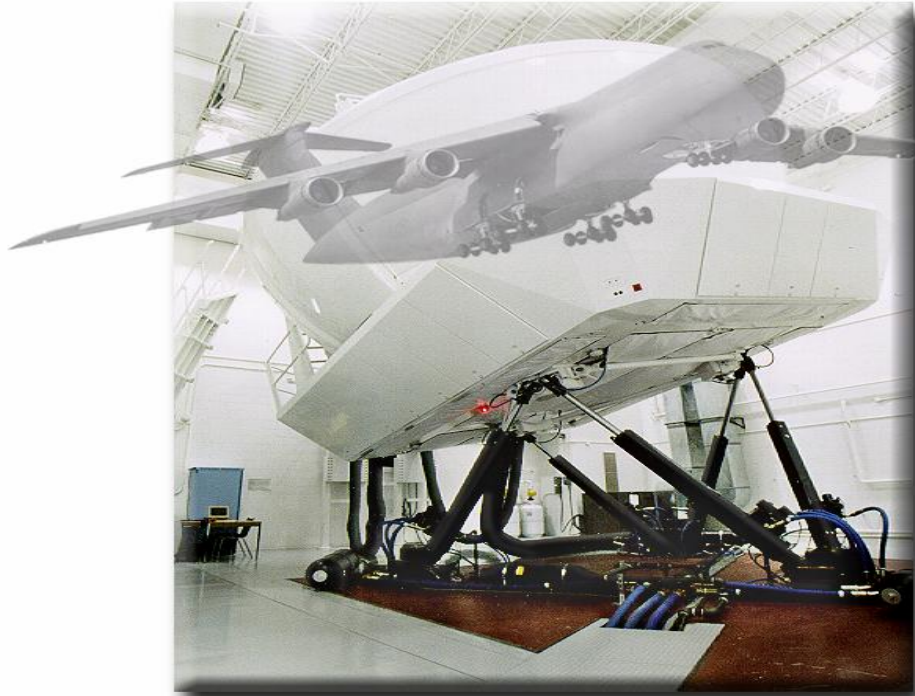
Additional Information



C-5 Aircrew Training System



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C-5 Aircrew Training System

Projected Program



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Description

- The C-5 Simulator System is comprised of 9 Weapon System Trainers (WST), 4 Cockpit Procedure Trainers (CPT), 1 Cargo Load Trainer (CLT), 1 Ramp & Door Trainer (RDT), and Computer Based Training Workstations (CBT). Contractor is responsible total aircrew training with the exception of on aircraft flight training. Contractor is responsible for all operations, maintenance and sustainment of training devices and learning systems. Reliability Enhanced Re-engine Program (RERP) production devices will part of the competitive bid during the re-competition process.

Acquisition Strategy

- Full and Open Competition

Funding

- Estimated total contract value \$450M

Program Office Point of Contact

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Procurement Authority Point of Contact

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Period of Performance

- Oct FY10 – Sep FY20

Data Status

- Some known proprietary data issues
- Data package government owned

Milestones

- Acquisition Strategy Plan will be available 2nd QTR FY08, Draft RFP 3rd QTR FY08
- Industry days will be planned one year out from planned contract award of July 2009
- Site visits will be planned based interest by bidders



C-5 Aircrew Training System

Current Program



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Summary of Program Requirements

- The C-5 Simulator System is comprised of 9 Weapon System Trainers (WST), 4 Cockpit Procedure Trainers (CPT), 1 Cargo Load Trainer (CLT), 1 Ramp & Door Trainer (RDT), and Computer Based Training Workstations (CBT)
- Contractor is responsible total aircrew training with the exception of on aircraft flight training
- Contractor is responsible for all operations, maintenance and sustainment of training devices and learning systems

Current Contract

Company: FlightSafety Services Corporation
Contract Number: F42630-99-C-0170
Period of Performance: Oct 1999 – Sept 2009

Original Developer/OEM

Company: United Airlines Training
Date Delivered: ~1985

Current Installations

Locations: Dover AFB, DE, Travis AFB, CA; Lackland AFB, TX;
Westover ARB, MA; Stewart ANGB, NY; Memphis ANGB, TN;
Martinsburg ANGB, WV
Number of Devices: 9 WSTs, 4 CPTs, 1 CLT, 1 RDT

End User Point of Contact

Name: Denney Hughes
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Additional Information



C-130 Aircrew Training System



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C-130 Aircrew Training System

Projected Program



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Description

- The Aircrew Training System (ATS) uses Aircrew Training Devices (ATDs) which include Weapon System Trainers (WSTs), Cockpit Procedures Trainers (CPTs), Cockpit Familiarization Trainers (CFTs), Fuselage Trainers (FuTs), and classroom curriculum to train C-130 aircrews. The ATS offers initial qualification, mission qualification, upgrade, differences, and continuation training.
- The ATS trains students for AMC, ANG and AFRC at Little Rock AFB, Dyess AFB, McChord AFB, Minneapolis ANGB, Dobbins ARB. Classroom training is conducted at three remotes sites; Elmendorf AFB, Alaska; Ramstein AB, Germany; and Yakota AB, Japan.

Acquisition Strategy

- Full and open competition

Funding

- Estimated total contract value \$500M

Program Office Point of Contact

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Procurement Authority Point of Contact

Name: Capt Ruperta Lindsey
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Period of Performance

- FY10 to FY19

Data Status

- Proprietary data throughout ATS
- Complete Aero Data available

Milestones

- Dates TBD
- Contract Award 4Q FY09



C-130 Aircrew Training System

Current Program



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Summary of Program Requirements

- Provide a training program which results in highly trained aircrews and maintenance personnel for C-130 weapon system operations.
- Provide Guaranteed Student Throughput with on time graduation and meet projected throughput/availability requirements to meet Air Force standards and pass an Air Force administered test. This includes provisions for variations in quantity of students and content of training.
- Effective management of the overall Aircrew Training System (ATS), including ongoing efforts, problem identification and resolution, special projects, reporting and communication, startup transition, security and safety.
- Maintain ATS concurrency with the weapon system program. This includes the capability to incorporate highly technical modifications into the aircrew training devices and the ability to modify/upgrade training devices/courseware/software prior to the aircraft upgrades.
- Effectively manage and operate the Training System Support Centers (TSSC) at Little Rock AFB and Dobbins ARB, to include the appropriate manning levels to complete Design Requests (DRs) in a timely manner.
- Provide a Quality Assurance (QA) program that is equivalent to ISO 9001, and promotes continuous improvements in the ATS. The QA program should also be independent from the work or production organization, and insure contract compliance.

Current Contract

Company: Lockheed Martin Simulation, Training & Support
Contract Number: F42630-99-C-0195
Period of Performance: FY00 – FY09

Original Developer/OEM

Company: LINK for E models; Hughes for H2, H3
Date Delivered: 1980; 1998

Current Installations

Little Rock AFB, Dyess AFB, McChord AFB, Minneapolis ANGB,
Dobbins ARB; Remotes at Elmendorf AFB, Alaska; Yakota AB,
Japan; Ramstein AB, Germany
20 Major Devices with multiple small training systems

End User Point of Contact

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Additional Information



C-130 Landing Gear Trainer



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C-130 Landing Gear Trainer

Projected Program



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Description <ul style="list-style-type: none">• The C-130 Landing Gear Trainer (LGT) is a two part training device used to train aircraft maintainers on the operations of the C-130E/H/J landing gear. The LGT offers advanced troubleshooting and hydraulics courses.• Maintainers from AMC, ANG and AFRC train on these devices at Little Rock AFB and Pope AFB.	
Acquisition Strategy <ul style="list-style-type: none">• TSA II; small business	Funding <ul style="list-style-type: none">• Estimated total contract value \$600K
Program Office Point of Contact <p>Name: Lt Ted Boender Organization: 507 ACSS/GFLC Phone: (801) 777-6119 Email: Theodore.Boender@HILL.af.mil</p>	Procurement Authority Point of Contact <p>Name: Capt Ruperta Lindsey Organization: 558 ACSG/PK Phone: (801) 777-6041 Email: Ruperta.Lindsey@hill.af.mil</p>
Period of Performance <ul style="list-style-type: none">• CY08 – CY12	Data Status <ul style="list-style-type: none">• Outdated technical documents
Milestones <ul style="list-style-type: none">• Dates TBD• Contract Award 4Q CY07	



C-130 Landing Gear Trainer

Current Program



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Summary of Program Requirements

- On-call maintenance support to ensure trainer availability requirements are met.
- Bi-annual inspection and evaluation of the trainers to ensure that they meet certification requirements.
- Engineering support to modify the trainers, to support third-party modification of the trainers, and to maintain trainer configuration and technical publications.
- Other tasks, such as moving the trainers, as they are identified.

Current Contract

Company: ACME Worldwide Enterprises, Inc.
Contract Number: F42630-03-C-0032
Period of Performance: CY03 – CY07

Original Developer/OEM

Company: SIMTEC, Inc.
Date Delivered: 1997

Current Installations

Locations: Little Rock AFB and Pope AFB
Number of Devices: 2, 1 at each location

End User Point of Contact

Name: Capt Donald E Hudson Jr.
Phone: (501) 987-6667
Email: Donald.Hudson@littlerock.af.mil

Additional Information



SOF Training Systems



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- **MC-130W Weapon System Trainer**



MC-130W Weapon System Trainer



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MC-130W Weapon System Trainer

Projected Program



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Description <ul style="list-style-type: none">• Acquire an MC-130W Weapons System Training Device in direct support Air Force Special Operations Command (AFSOC) and United States Special Operation Command (USSOCOM). This system will be delivered to Cannon AFB to provide aircrew training for the 16th Special Operations Wing. AFSOC's requirement calls for the fidelity of a FAA level D training device.	
Acquisition Strategy <ul style="list-style-type: none">• Planned execution through TSA II contract vehicle• Full and Open• Single Award	Funding <ul style="list-style-type: none">• Estimated total contract value TBD
Program Office Point of Contact <p>Name: Scott Kensinger Organization: 507th ACSS, GFLD, Ogden UT Phone: 801-777-5529 Email: Scott.Kensinger@HILL.af.mil</p>	Procurement Authority Point of Contact <p>Name: TBD Organization: Phone: Email:</p>
Period of Performance <ul style="list-style-type: none">• Base Period of FY08-FY11	Data Status <ul style="list-style-type: none">• Data will be available on all existing SOF C-130 Weapon System Training Devices from the ATARS data library• ATARS certified H2/H3 Aero Model will be provided
Milestones <ul style="list-style-type: none">• Requirements definition being finalized• Initial industry day planned for June 2007• Desire Award in early 2nd Quarter FY08	



Questions?



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